East Search

L Number	Hits	Search Text	DB	Time stamp
1	1	5873868.pn. and (thick or thickness)	USPAT	2003/12/08 08:52
2	18251	catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 08:52
_		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner		
3 .	65454	topsheet or (top with sheet)	USPAT	2003/12/08 08:52
4	936026		USPAT	2003/12/08 08:52
·6	7	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 10:28
		(sanitary near3 napkin) or (feminine with		
		<pre>(care product pad napkin garment hygiene)) or (medical with (garment drape wipe pad))</pre>		
		or pantiliner) and ((topsheet or (top		
		with sheet)) same (aspect with ratio))		
5	1191	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 09:28
		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((topsheet or (top		
_		with sheet)) same (thick or thickness))		
7	45929	non\$1woven\$1	USPAT	2003/12/08 09:27
8	566	(catamenial or diaper or incontinen\$4 or (sanitary near3 napkin) or (feminine with	USPAT	2003/12/08 09:31
		(care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((topsheet or (top		
		with sheet)) same (thick or thickness)		
		same non\$1woven\$1)		
9	95	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 09:37
		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness)		
		same non\$1woven\$1 same meltblown)		
10	271	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 10:23
		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		·
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((topsheet or (top		
		with sheet)) same (thick or thickness))		
•		<pre>and ((topsheet or (top with sheet)) same non\$1woven\$1 same meltblown)</pre>		
11	176	non>1woven>1 same mertblown) ((catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 09:37
	1/8	(sanitary near3 napkin) or (feminine with	JOSERI	2003/12/00 09:3/
		(care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((topsheet or (top		
		with sheet)) same (thick or thickness))		
		and ((topsheet or (top with sheet)) same		
		non\$1woven\$1 same meltblown)) not		
		((catamenial or diaper or incontinen\$4.or		
		(sanitary near3 napkin) or (feminine with (care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((topsheet or (top		
		with sheet)) same (thick or thickness)		
		same non\$1woven\$1 same meltblown))		
12	57	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 10:23
		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((topsheet or (top with sheet)) same (thick or thickness)		
		same (mm or cm or micron)) and ((topsheet		
		or (top with sheet)) same non\$1woven\$1		
	ı	same meltblown)	1	1 .
İ				

13	369	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 10:29
		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner) and (aspect with ratio)		
14	10353	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 10:29
	10333	(sanitary near3 napkin) or (feminine with	OBLAI	2003/12/00 10:23
		(care product pad napkin garment hygiene))		
	1	or (medical with (garment drape wipe pad))		
		or pantiliner) and (aspect naer1 ratio)		
15	247	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 10:35
		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		
		or (medical with (garment drape wipe pad))		
		or pantiliner) and (aspect near1 ratio)		1
16	243	((catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 10:29
		(sanitary near3 napkin) or (feminine with	001111	2003/12/00 10:23
		(care product pad napkin garment hygiene))		-
		or (medical with (garment drape wipe pad))		1
		or pantiliner) and (aspect near1 ratio))		į
		not ((catamenial or diaper or incontinen\$4		
		or (sanitary near3 napkin) or (feminine		
		with (care product pad napkin garment		
		hygiene)) or (medical with (garment drape		
		wipe pad)) or pantiliner) and ((topsheet		
		or (top with sheet)) same (aspect with		
		ratio)))		
17	1			0000 /10 /00 10 56
1/	42	(USPAT	2003/12/08 10:56
		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		İ
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((aspect near1 ratio)		.
		same (hole aperture opening))		
18	1	6452063.pn. and ((aspect near1 ratio) same	USPAT	2003/12/08 12:53
		(hole aperture opening))		
19	1	(catamenial or diaper or incontinen\$4 or	USPAT	2003/12/08 12:55
	_	(sanitary near3 napkin) or (feminine with	001111	2003/12/00 12:33
		(care product pad napkin garment hygiene))	!	
			Ì	
		or (medical with (garment drape wipe pad))		
		or pantiliner) and ((topsheet or (top		
		with sheet)) same (meltblown with		
		microfiber))	İ	
20	416	i (USPAT	2003/12/08 13:32
		(sanitary near3 napkin) or (feminine with		
		(care product pad napkin garment hygiene))		1
	·	or (medical with (garment drape wipe pad))		
		or pantiliner) and (meltblown with		
		microfiber)		· .
21	0	l '	USPAT	2003/12/08 12:58
- `		(meltblown with microfiber)		-555, 12, 55 12.56
22	0	("4588630" "6452063" "5873868").pn. and	USPAT	2003/12/08 12:58
		(#388830 6432083 3873888).pii. and	JOIN	2003/12/06 12:38
23	426	1 '	IICDam	2002/10/00 12 22
23	426	1 , 1	USPAT	2003/12/08 13:33
		microfiber)		
24	379	(diaper) and (meltblown with microfiber)	USPAT	2003/12/08 14:22
25	0	(diaper) and ((meltblown with microfiber)	USPAT	2003/12/08 13:36
		same (body with side with liner))		
26	4	(diaper) and ((meltblown with microfiber)	USPAT	2003/12/08 13:36
		same (body))		
27	5	(diaper) and ((meltblown with microfiber)	USPAT	2003/12/08 13:36
-		same liner)		2000, 22, 00 20100
28	5	((diaper) and ((meltblown with microfiber)	USPAT	2003/12/08 13:36
20		same liner)) not ((diaper) and ((meltblown	OSTAI	2003/12/00 13.30
				·
0.0		with microfiber) same (body)))	l	/
29	4	(("6452063") or ("5873868") or ("5628097")	USPAT	2003/12/08 14:23
		or ("4588630")).PN.		
_	44517	non\$1woven\$1	USPAT	2003/12/08 09:26
-	14542	basis adj weight	USPAT	2003/06/27 12:45
-	1504690	aperture\$2 or hole or opening	USPAT	2003/12/02 13:13
-	40805	aspect with ratio	USPAT	2003/06/27 12:45
_	402809	extension or strech	USPAT	2003/12/02 13:11
_	1884	meltblown with (fiber or microfiber)	USPAT	2003/06/27 12:47
		, , , , , , , , , , , , , , , , , , , ,		

-	34	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 11:02
		(aperture\$2 or hole or opening) and		
1		(aspect with ratio) and (extension or		
		strech) and (meltblown with (fiber or		
		microfiber))		0000/06/07 11 10
-	89	("2391621" "2576914" "3020178"	USPAT	2003/06/27 11:12
		"3165485" "3224926" "3287149"		
		"3339550" "3417040" "3455778" "3485706" "3489148" "3494821"		
		"3520842" "3556932" "3556933"		
		"3629171" "3695269" "3700623"		
·		"3765997" "3772076" "3809089"		l .
		"3812000" "3838692" "3885158"		
		"3899388" "3929135" "3967623"		
		"3976734" "4041951" "4100324"		
		"4113911" "4117199" "4129528"		
		"4147586" "4208459" "4222921"		
		"4342314" "4391869" "4425130"		
		"4445970" "4524474" "4556450"		
		"4588457" "4610915" "4626254"		
		"4675394" "4725473" "4741941"		
		"4781710" "4879170" "4929495"		,
		"4931355" "4981557" "5008344"		
		"5011864" "5048589" "5069548"		
		"5085736" "5156902" "5188625"		
		"5230776" "5246545" "5302382"		
		"5348620" "5368910" "5389202"		
		"5399412" "5411636" "5423788"		
		"5429686" "5431643" "5437653"		
		"5454801" "5478335" "5491190"		
		"5492598" "5501768" "5516572"		
		"5536555" "5552020" "5562645"		1
		"5591306" "5591309" "5598643"		
		"5601871" "5635191" "5653930"		
	70	"5667636" "5670110").PN. ("2834809" "2867560" "2877765"	II CDAM	2002/06/27 11-17
-	70	("2834809" "2867560" "2877765" "2896618" "2908064" "2923298"	USPAT	2003/06/27 11:17
		"3236238" "3276944" "3307545"		
		"3338992" "3341394" "3423266"		
		"3466212" "3502538" "3502763"		
		"3542615" "3543750" "3687797"		
		"3692618" "3802817" "3814101"		
		"3849241" "3886941" "3929135"		
		"3949127" "3965906" "3967623"		
		"4041951" "4321924" "4327730"		,
]		"4340563" "4446189" "4469735"		
		"4525407" "4573989" "4606964"		
		"4626254" "4652487" "4657802"		
		"4668566" "4690679" "4692368"		
		"4720415" "4725473" "4761324"		
	1	"4781966" "4798604" "4801494"		
		"4834738" "4842596" "4847134"	1	
		"4880682" "4891258" "4902553"	1	
		"4908026" "4916005" "4935287"	1	
		"4981747" "5057361" "5078710"	1	
		"5089075" "5114781" "5135521"		
		"5143679" "5151314" "5188625"	1	
		"5208098" "5244716" "5248309"	1	
	40757	"5264268").PN.		2002/06/27 12 55
	467574	extension or strech or elongation	USPAT	2003/06/27 12:38
	850593	extension or strech or elongat\$5	USPAT	2003/06/27 12:39
	29387	aspect adj ratio	USPAT	2003/06/27 12:39
	44517 14542	non\$1woven\$1	USPAT USPAT	2003/06/27 12:45 2003/06/27 12:45
	1518358	basis adj weight aperture\$2 or hole or opening or	USPAT	2003/06/27 12:45
-	1310338	perforation	USFAI .	2003/00/2/ 12:46
1_	29387	aspect adj ratio	USPAT	2003/06/27 12:46
_	850905	extension or strech\$5 or elongat\$5	USPAT	2003/06/27 13:04
-	1884	meltblown with (fiber or microfiber)	USPAT	2003/06/27 12:54
			_1	1

		·		
-	42	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 12:54
		(aperture\$2 or hole or opening or		
		perforation) and (aspect adj ratio) and		
		(extension or strech\$5 or elongat\$5) and		
		(meltblown with (fiber or microfiber))		
-	2382	meltblown	USPAT	2003/06/27 12:54
-	990	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 13:04
		(aperture\$2 or hole or opening or		
		perforation) and (extension or strech\$5 or		
		elongat\$5) and meltblown		
-	586619	elongat\$5	USPAT	2003/06/27 13:04
-	849	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 13:05
		(aperture\$2 or hole or opening or		
		perforation) and elongat\$5 and meltblown		
-	491498	elongation or elongated	USPAT	2003/06/27 13:04
-	787	non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 13:45
		(aperture\$2 or hole or opening or		
		perforation) and (elongation or elongated)		
		and meltblown		
-	12	("3772417" "3795571" "3949127"	USPAT	2003/06/27 13:07
		"3978185" "4041203" "4048364"		2000,00,21 2000
		"4107364" "4187343" "4223059"		
		"4276336" "4307143" "4324752").PN.		
-	70	4443513.URPN.	USPAT	2003/06/27 13:07
-	12	("3695985" "3770562" "3793133"	USPAT	2003/06/27 13:39
	12	"4013816" "4041203" "4275105"	,	2003,00,27 13.39
		"4287251" "4411660" "4606964"		
		"4650481" "4655760" "4720415").PN.	•	
1_	75	4847134.URPN.	USPAT	2003/06/27 13:40
_	46	(non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 13:40
	, ,	(aperture\$2 or hole or opening or	USFAI	2003/00/2/ 14:14
	ľ	perforation) and (elongation or elongated)		
		and meltblown) and 4847134.URPN.		
_	13	("3695985" "3770562" "3793133"	USPAT	2003/06/27 13:53
	13	"4013816" "4041203" "4050462"	OSFAI	2003/00/27 13.33
		"4275105" "4287251" "4411660"		
		"4606964" "4650481" "4655760"		
		"4720415").PN.		
1_	59	4891258.URPN.	HCDAM	2003/06/27 13:53
1 -	67	4091236.0RPN. ("Re31601" "2862251" "3033721"	USPAT	
i -	67	"3068547" "3129466" "3214819"	USPAT	2003/06/27 14:12
		l '		
		"3434188" "3485706" "3493462"	Ì	
		"3494821" "3498874" "3502538" "3502763" "3508308" "3509009"		1
		"3542615" "3563241" "3595245"		
1		"3620903" "3676242" "3683921" "3602618" "3704188" "3715251"		1
1		"3692618" "3704198" "3715251"		
1		"3769659" "3787932" "3800364" "3015602" "3027046" "30255046"	[1
1		"3815602" "3837046" "3855046"		1
1		"4041203" "4152480" "4166877"		1
1	1	"4190695" "4251581" "4297404"		1
1		"4302495" "4334340" "4405297"		1
		"4410579" "4426420" "4426421"		1
1	1	"4442161" "4476186" "4514455"		1
	1	"4532173" "4537819" "4548628"		
		"4585449" "4591513" "4636419"		j
1		"4637819" "4681801" "4704112"	1	
1		"4753834" "4775579" "4808467"		
1		"4812112" "4818594" "4879170"		[
		"4902564" "4931355" "4939016"		1
		"4950531").PN.		
-	7	5369858.URPN.	USPAT	2003/06/27 14:13
-	.4	(non\$1woven\$1 and (basis adj weight) and	USPAT	2003/06/27 14:31
		(aperture\$2 or hole or opening or		
		perforation) and (elongation or elongated)		. [
		and meltblown) and 5369858.URPN.		
] _	1	5369858.pn. and ((aperture\$2 or hole or	USPAT	2003/06/27 15:17
	_	opening or perforation) same (size or		
		diameter or length))		
_	102526	(cross adj machine adj direction) or CD	USPAT	2003/06/27 15:18
L		, , , , , , , , , , , , , , , , , , , ,	. <u> </u>	1 = 0, = 10 . 10

((cross adj machine adj direction) or CD) 6 (((extension or strech55 or elongat55) same ((cross adj machine adj direction) or CD)) and nonslwoven\$1 and (basis adj weight) and (aperture\$2 or hole or opening or perforation) and meltblown) and (aspect adj ratio) - 224 ((extension or strech55 or elongat55) same ((cross adj machine adj direction) or CD)) and nonslwoven\$1 and (basis adj weight) and (aperture\$2 or hole or opening or perforation) and meltblown (high with CD with elongation with complete the perforation) and meltblown (high with CD with elongation with complete the perforation) and meltblown (laperture\$2 or hole or opening or perforation) same (radius diamter size length) (diaper or (sanitary adj napkin)) and (septrure\$2 or hole or opening or perforation) same (radius diamter size length) (aperture\$2 or hole or opening or perforation) same (radius diamter size length) same (aspect adj ratio) (diaper or (sanitary adj napkin)) and topsheet and ((aperture\$2 or hole or opening or perforation) same (radius diamter size length) same (aspect adj ratio) (diaper or (sanitary adj napkin)) and topsheet and (sperture\$2 or hole or opening or perforation) same (radius diamter size length) same (aspect adj ratio) (diaper or (sanitary adj napkin)) and topsheet and (sperture\$2 or hole or opening or perforation) same (radius diamter size length) same (aspect adj ratio) and (sperture\$2 or hole or opening or perforation) same (radius diamter size length) same (aspect adj ratio) and (sperture\$2 or hole or opening or perforation) same (radius diamter size length) same (radius diamter size length) same (radius diamter size length) and (diaper or (sanitary adj napkin)) and topsheet (sanitary adj napkin)) and topsheet (sanitary adj napkin)) and topsheet (diaperture\$2 or hole) same (radius diamter size)) and (diaper or (sanitary adj napkin)) and topsheet (sanitary adj napkin)) and topsheet (sanitary adj napkin)) and topsheet (sanitary adj napkin)) and topsheet (sanitary adj napkin)) and topsheet (sanitary adj napkin) and s					
SAME ((cross adj machine adj direction) or CD) and non5lwoven51 and (basis adj weight) and (aperture82 or hole or opening or perforation) and meltblown and (aspect adj ratio)	-	2529		USPAT	2003/06/27 15:19
same ((cross adj machine adj direction) or CD)) and nonslowensia and (basis adj weight) and (aperture\$2 or hole or opening or perforation) and meltblown) and (aspect adj ratio) ((extension or strech\$5 or elongat\$5) same ((cross adj machine adj direction) or CD)) and nonslowensia and (basis adj weight) and (aperture\$2 or hole or opening or perforation) and meltblown of the provided of the p			((cross adj machine adj direction) or CD)		
CD) and nonslawowensi and (basis adj weight) and (apertures2 or hole or opening or perforation) and meltblown	-	6		USPAT	2003/06/27 15:20
weight and (aperture\$2 or hole or opening or perforation) and melblown and (aspect adj ratio) ((extension or strech\$5 or elongat\$5) same ((cross adj machine adj direction) or CD 3) and non\$invoven\$1 and (basis adj weight and (aperture\$2 or hole or opening or perforation) and melblown uspat 2003/06/27 15:42 11272 diaper or (sanitary adj napkin) uspat 2003/06/27 15:44 1951 topsheet uspat uspat 2003/06/27 15:44 1951 topsheet uspat uspat 2003/06/27 15:44 1951 topsheet and (aperture\$2 or hole or opening or perforation) same (radius diamter size length) uspat uspat 2003/06/27 15:45 uspat					
copening or perforation) and meltblown copening or perforation copening or copening or copening or copening or				1	
and (aspect adj ratio) (extension or strech55 or elongat\$5) same ((cross adj machine adj direction) or CD)) and non\$Nievoen\$1 and (basis adj weight) and (aperture\$2 or hole or opening or perforation) and meltblown USPAT 2003/06/27 15:42 nonwoven.ti. 11272 diaper or (sanitary adj napkin) USPAT 2003/06/27 15:44 1951 topsheet USPAT 2003/06/27 15:44 1951 topsheet USPAT 2003/06/27 15:45 1951 topsheet USPAT 2003/06/27 15:46 1951 topsheet and (aperture\$2 or hole or opening or perforation) same (radius diamter size length) (aperture\$2 or hole or opening or perforation) same (radius diamter size length) (aperture\$2 or hole or opening or perforation) same (radius diamter size length) same (aspect adj ratio) USPAT 2003/06/27 15:47 2003/06/27 16:53 2003/06/27 16:53 2003/06/27 16:53 2003/06/27 16:53 2003/06/27 16:53 2003/06/27 16:53 2003/06/27 16:54 2003/06/27 16:09 2003/06/27 16:09 2003/06/27 16:09 2003/06/27 16:09 2003/06/27 16:09 2003/06/27 16:09 2003/06/27 16:09 2003/06/27 16:09 2003/06/27 16:09 2003/06/27 16:20					
224					į
((cross adj machine adj direction) or CD)) and nonslowens1 and (basis adj weight) and (apertures2 or hole or opening or perforation) and meltiblown (high with CD with elongation with nonwoven).ti. 11272 diaper or (sanitary adj napkin)					
1) and nonslwovens1 and (basis adj weight) and (aperture\$2 or hole or opening or perforation) and meltblown (high with CD with elongation with nonwoven).ti. diaper or (sanitary adj napkin)	-	224	((extension or strech\$5 or elongat\$5) same	USPAT	2003/06/27 15:22
			((cross adj machine adj direction) or CD		
perforation and meltblown					
-	!				
		4		HODAM	2002/06/27 15-42
11272 diaper or (sanitary adj napkin)	-	4		USPAT	2003/06/27 15:42
1951 copsheet 495639 (aperture\$2 or hole or opening or perforation) same (radius diamter size length) (diaper or (sanitary adj napkin)) and topsheet and (aperture\$2 or hole or opening or perforation) same (radius diamter size length) (diaper or (sanitary adj napkin)) and topsheet and (aperture\$2 or hole or opening or perforation) same (radius diamter size length) (aperture\$2 or hole or opening or perforation) same (radius diamter size length) (aperture\$2 or hole or opening or perforation) same (radius diamter size length) (aperture\$2 or hole or opening or opening or perforation) same (radius diamter size length) (aperture\$2 or hole or opening or opening or perforation) same (radius diamter size length) (aperture\$2 or hole or opening or perforation) same (aspect adj ratio) (aperture\$2 or hole or opening or perforation) same (radius diamter size length) same mms7 (aperture\$2 or hole or opening or perforation) same (radius diamter size length) same ms7 (aperture\$2 or hole) same (radius diamter size length) and (diaper or (sanitary adj napkin)) and topsheet ((aperture\$2 or hole) same (radius diamter size length) and diaper or (sanitary adj napkin)) and topsheet ((aperture\$2 or hole) same (radius diamter size) ((aperture\$2 or hole)	_	11272		IICDAT!	2003/06/27 15:44
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